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Asplenium rhizophyllum, Kunze, var. *Biscaynianum*, Eaton.

Asplenium rhizophyllum, Kunze, var. *Biscaynianum*, N. Var.

Plate LXVIII.

Fronds narrowly linear-oblong in outline, a foot or more high, $\frac{3}{4}$ to 1 inch wide; pinnæ a dozen or more pairs, 8 or 9 lines long, ascending obliquely, the lowest ones scarcely diminished; all but the uppermost pairs cut into about 7 or 8 lobes, of which the lowest superior one is three-lobed, the next one or two two-lobed, and the others simple; all closely placed; upper pinnæ gradually smaller and less deeply lobed; sori usually one on each vein and elongated. This form has the large ultimate segments of the coarser form of the species, from which it differs in the much shorter pinnæ, and consequently in the linear rather than lanceolate outline of the frond. The pinnules an inch or two below the apex scarcely differ from those of *A. dentatum*, with which, and in company with the *myriophyllum* form of *A. rhizophyllum*, it was associated, as is explained below by Mr. Isaac Holden, of Bridgeport, Conn., who discovered it at Biscayne Bay, Florida, 28th of February, 1887. It seems highly probable that it is modified from the type by the influence of its associate.

NEW HAVEN, April 15th, 1887.

DANIEL C. EATON.

Notes on some Florida Ferns.

In southern Florida, on the shore of Biscayne Bay, some four or five miles south of the Miami River, under a projecting arch of the coral limestone, is a well, hollowed in the rock to the depth of some five feet or so, with cut steps leading down to the fresh water at the bottom. This ancient excavation, believed by some to antedate the settlement of St. Augustine, is well known in that region as the "Punch Bowl." By going northerly from this point a quarter of a mile, more or less, through the jungle—hummock, or "hammock," as it is there called—keeping near the slope of the rocks, in which procedure a machete is very useful, there is reached a small, comparatively open space in which stands a cocoanut tree of a few years' growth, apparently planted there by accident, and of remarkable beauty. A few rods beyond this tree is a curved recess in the bank of rock which, as I remember it, is at that point some five or six feet in height. On